

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO 10/669,577 **Application Number** September 24, 2003 Filing Date INFORMATION DISCLOSURE First Named Inventor Che-Hsiung Hsu Et. Al. STATEMENT BY APPLICANT 1714 Art Unit (Use as many sheets as necessary) Unknown **Examiner Name** Attorney Docket Number **UC0223 US NA**

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Examiner Initials*	Cite No.1		ocument Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
UNU	 	US-	4,889,659	12-26-1989	Genies	
734		US-	4,973,391	11-27-1990	Madou et al.	
711	-	US-	5,002,700	03-26-1991	Otagawa et al.	
UN		US-	5,294,504	03-15-1994	Otagawa et al.	
chi		US-	5,286,413	02-15-1994	Hannecart et al.	
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Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/669,577				
Filing Date	September 24, 2003				
First Named Inventor	Che-Hsiung Hsu Et. Al.				
Art Unit	1714				
Examiner Name	Unknown				
Attorney Docket Number	LICO223LISNA				

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Examiner Initials*	Cite No.1		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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INIU		US-	5,578,249A	11-26-1996	Ohtani et al.	
MAN	,	US-	6,391,481B1	05-21-2002	Jonas et al.	
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		FORE	IGN PATENT DOCU	MENTS		
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		Country Code ² "Number ⁴ "Kind Code ⁸ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	
ul		FR 2 632 979 A1	12-22-1989	CommEnergieAtomique		
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Application Number

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STAT	EMEN	NT BY APPLICANT	First Named Inventor	CHE-HSIUNG HSU	
			Group Art Unit	1714	
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		OTHER PRIOR ART N	ION PATENT LITERA	TURE DOCUMENTS	
Examiner	Cite No.1	the item /hook manazine iour	CAPITAL LETTERS), title nal, serial, symposium, ca publisher, city and/or cour	of the article (when appropriate), title of stalog, etc.), date, page(s), volume-issue nby where published.	~ 2
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				Application Number	10/669577			
INF	ORMATIO	n dis	CLOSURE	Filing Date	September 24, 2003			
STA	TEMENT	BY A	PPLICANT	First Nemed Inventor	CHE-HSIUNG HSU			
				Group Art Unit	1714			
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				U.S. PATI	ENT DOCUMENTS	
Exeminer	Cité		cument Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials *	No.'	Wrimper -	- Kind Code ² (II known)		···	Figures Appear
MA	1	US-	4,552,927	11-12-1985	LESLIE F. WARREN	
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	FOREIGN PATENT DOCUMENTS							
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